

CLAIMS

1. A composition for ingestion by mammals for in vivo conversion of alpha-D-galactoside-linked sugars comprising an amount of 5 alpha-galactosidase effective to hydrolyze alpha-D-galactoside to D-galactose, and a non-toxic, ingestible excipient for said alpha-galactosidase.
2. A composition according to claim 1 wherein the alpha-galactosidase is present in an 10 amount of about 870 to 2900 GalU.
3. A composition according to claim 1 in the form of a powder for combining with food.
4. A composition according to claim 1 in the form of a tablet.
- 15 5. A composition according to claim 1 in liquid form.
6. A composition according to claim 1 in soft-gel capsule form.
7. A method of reducing gastric distress 20 in mammals due to ingestion of food containing alpha-D-galactoside-linked sugars, comprising ingesting a composition of alpha-galactosidase and a non-toxic ingestible excipient for said alpha-galactosidase contemporaneously with the ingestion 25 of said food in an amount effective to hydrolyze the alpha-D-galactoside to D-galactose.
8. A method according to claim 7 wherein the alpha-galactosidase is ingested during a time period from about 1/4 hour before to about 1/4 hour 30 after ingestion of the alpha-D-galactoside-containing food.

9. A method according to claim 7 wherein said composition is administered to yield an amount of about 870 to 31,000 GalU per average flatugenic meal.

5 10. A method according to claim 7 wherein said composition is ingested in the form of a powder combined with said food.

11. A method according to claim 7 wherein said composition is ingested in tablet 10 form.

12. A method according to claim 7 wherein said composition is ingested in liquid form.

13. A method according to claim 7 15 wherein said composition is ingested in soft-gel capsule form.